

ABSTRACT

A device and method for deagglomerating powder agglomerates for inhalation. The device includes an inlet connected to a chamber and to a powder source for
5 supplying the chamber with powder agglomerates and a flow of gas that define a swirling fluid flow inside the chamber. The device also includes an outlet connected to the chamber for inhalation such that the swirling fluid flow in the chamber can exit from the chamber as a longitudinal fluid flow that is directed along a longitudinal axis of the outlet, and a secondary fluid flow that is directed
10 away from the longitudinal axis of the outlet. A mesh in the outlet prevents powder agglomerates above a predetermined size from traversing the mesh, and reduces the secondary fluid flow relative to the longitudinal fluid flow exiting from the chamber to thereby reduce powder deposition in a mouth and throat of a user.